CliQ Din Rail Power Supply 24V 60W 1 Phase Plastic DRP024V060W1AZ

DRP024V060W1AA

60Watts

Total Power: 60Watts
Input Voltage: 85-264Vac
# of Output: Single

Model number	DRP024V060W1AZ
Reference no.	**D0116888**
OUTPUT (DC)	
Output power	60W
Output voltage range	22 - 28V
Output current	2.5A
Residual ripple/peak switching (20MHz) (@ nominal values)	< 50mV / < 240mVpp
Mains buffering at nominal load (typ.)	> 20ms @ 115Vac, > 125ms @ 230Vac
Line regulation	< 0.5% typ. (@ 85 - 264Vac input, 100% load)
Load regulation	< 1% typ. (with rated input, 0 - 100% load)
INPUT (AC)	
Input voltage range	85 - 264Vac (DC input range 120 - 375Vdc)
Input frequency	47 - 63Hz
Nominal current	1.1A @ 115Vac, 0.7A @ 230Vac
Efficiency	> 85% typ.
Power factor	Conform to EN61000-3-2 STD
Inrush current limitation I^2t (+25°C) typ.	< 40A @ 115Vac, < 80A @ 230Vac
Leakage current	< 1mA

Special Features

- Ease of wire connection to terminals
- Compact design for easy handling
- Overload protection
- Overvoltage protection
- Thermal protection
- Power boost 150% for 3 seconds
- Expected life time : 10 years
- Shock proof IEC60068-2-27
- Vibration IEC60068-2-6
- Cooling : Convection
- Operating Humidity : < 95%
- Redundancy : Yes (with external ORing diode)
- RoHS compliant

MECHANICAL DESIGN	
Case cover	Plastic (PC)
Dimensions (L x W x H)	120.6mm x 32mm x 113mm
Unit weight / box	0.325kg
MTBF	> 800,000 hrs
Noise	Sound pressure level (SPL) < 40dBA
Cooling	Convection
Input terminal	M4 x 3
Output terminal	M4 x 2
Mounting rail	Standard TS35 mounting rail
Shock proof	IEC60068-2-27
Vibration	IEC60068-2-6
Protection structure	EN60950 meet IPX0

E191395

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24V 60W 1 Phase Plastic
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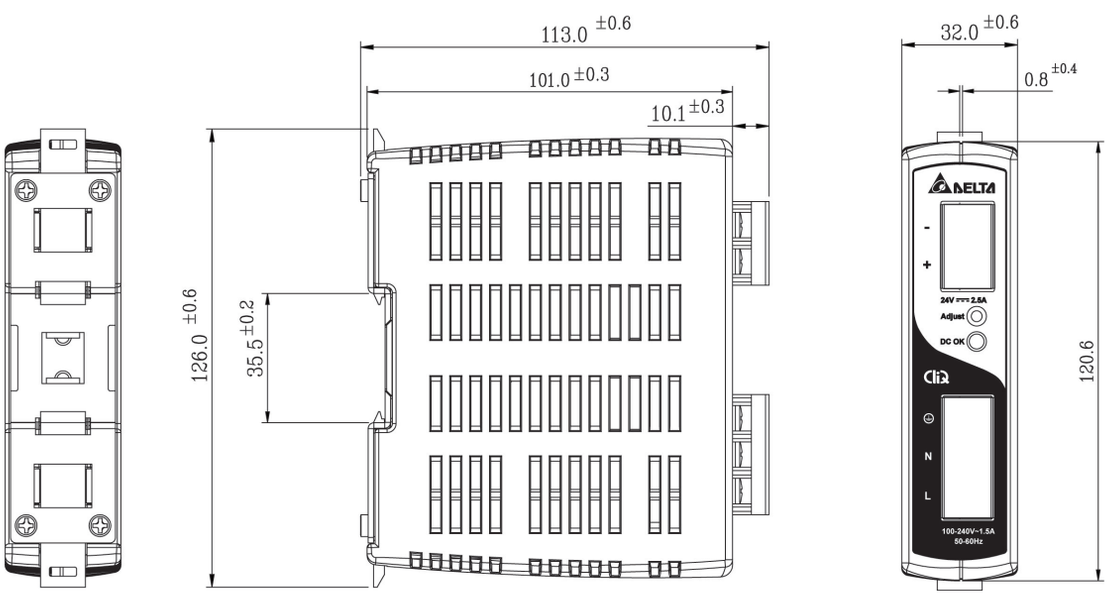
MECHANICAL DRAWING



SAFETY / ENVIRONMENTAL

EMC / Emissions	Class B / EN55022, CISPR22, Class B; FCC Tilte 47; EN61204-3 (Class B on AC & Class A on DC side), EN55022:2006 Class B, EN61000-3-2:2006, EN61000-3-3:1995/ A1:2001/A2:2005
Immunity	EN55024:1998/A1:2001/A2:2003
Safety standard	UL508, CSA C22.2 No.107.1-01,UL60950-1, CSA C22.2 No.60950-1, IEC60950-1, EN60950-1, EN50178, IEC62103 and IEC60204-1
Voltage dips	Conform to EN61000-4-11
Galvanic isolation	Input to output: 4KVac Input to ground: 1.5KVac Output to ground: 1.5KVac
Operating ambient temperature	-20°C ~ 75°C *
Storage temperature	-25°C ~ 85°C
Operating humidity	< 95%
Note (*)	* Operating amb. < 0°C until -20°C derate power by 1% / °C; Operating amb. > 50°C derate power by 2.5% / °C; Operating amb. > 70°C derate power by 4% / °C

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